

IN THE CLAIMS:

Please amend Claim 1 as shown below. The claims, as pending in the subject application read as follows:

1. (Currently Amended) A two-dimensional image pickup apparatus comprising:

an apparatus cabinet having an inner mounting surface and a deformable top plate; and

a two-dimensional photoelectric converter unit contained in said apparatus cabinet and carried by a base member which is directly mounted onto said inner mounting surface, said two-dimensional photoelectric converter unit comprising a substrate and a plurality of photoelectric converters formed on said substrate;

wherein said top plate is arranged opposite to said base member such that said two-dimensional photoelectric converter unit is positioned in between said top plate and said base member, and wherein said top plate ~~a light-receiving surface of said two-dimensional photoelectric converter unit~~, and is less rigid than said base member.
2. (Previously Presented) A two-dimensional image pickup apparatus according to claim 1, wherein said top plate can return to an original position after deformation.

3. (Previously Presented) A two-dimensional image pickup apparatus according to claim 1, wherein the magnitude of deformation of said top plate is greater than that of said substrate member.

4. to 7. (Cancelled)

8. (Previously Presented) A two-dimensional image pickup apparatus according to claim 1, wherein said top plate is comprised of resin.

9. (Previously Presented) A two-dimensional image pickup apparatus according to claim 8, wherein the resin contains carbon-fiber-reinforced resin.

10. (Previously Presented) A two-dimensional image pickup apparatus according to claim 1, wherein said two-dimensional photoelectric converter unit includes a fluorescent body.

11. to 29. (Cancelled)

30. (Previously Presented) A two-dimensional image pickup apparatus according to Claim 1, further comprising a space between the deformable top plate and the light-receiving surface of said two-dimensional photoelectric converter unit.

31. (Previously Presented) A two-dimensional image pickup apparatus according to Claim 30, wherein said space is dimensioned to receive inward deformations of the deformable top plate without contact to the light-receiving surface of said two-dimensional photoelectric converter unit.

32. (Previously Presented) A two-dimensional image pickup apparatus according to Claim 31, wherein said space is empty.